

Recovery Plan Action Status

Plan Name: McDonald's Rock-Cress Recovery Plan (Arabis mcdonaldiana Eastwood)

Plan Status: Final

Plan Date: 28-Feb-84

Lead Agency: USFWS

Lead Office: Arcata Fish And Wildlife Office

(907)

822-7201)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
McDonald's rock-cress (Arabis mcdonaldiana)	1	1	Enforce laws and regulations to protect Arabis mcdonaldiana	Ongoing Current	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Law Enforcement Division, California Department of Fish and Game	Management: General	Internal Administrative	BLM ve management of the Red Mountain Wilderness, and Six Rivers NF management of the distribution in Del Norte County has been in accordance with law, and to date, has avoided virtually all impacts to ARMC.
McDonald's rock-cress (Arabis mcdonaldiana)	2	2111	Examine seed production, seedling survival, and germination in the field	Ongoing Not Current	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research: General	Species Expert	Dr. Michael Baad: unpublished data on ARMC seed production, germination and survival of outplants.
McDonald's rock-cress (Arabis mcdonaldiana)	2	2112	Examine Arabis pollinators and their habitat needs	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research	Contract	
McDonald's rock-cress (Arabis mcdonaldiana)	2	2113	Investigate plant-animal interactions	Partially Complete			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research	Contract	Initial research conducted by Mike Baad in the early 1980's; no recent activity (see 5 year status review - USFWS website).

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McDonald's rock- cress (Arabis macdonaldiana)	3	212	Seek Additional populations of Arabis mcdonaldiana	Partially Complete	FY 2010		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Research	Internal Technical Assistance	Ongoing joint funded (BLM/USFWS) genetics study designed to elucidate genetic relationships within the purple-flowered rock-cress complex and determine if Del Norte Co populations are in fact A. macdonaldiana.
McDonald's rock- cress (Arabis macdonaldiana)	1	221	Identify and evaluate protection alternatives	Partially Complete	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Species Expert	BLM distribution at Red Mountain included in Red Mtn Wilderness in 2007; Del Norte County distribution all within the Smith River National Recreation Area. Both areas under general management protecting sensitive species.
McDonald's rock- cress (Arabis macdonaldiana)	1	222	Determine extent of BLM's authority to regulate surface mining in endangered species habitat	Partially Complete	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division	Management: Planning	Internal Administrative	Internal BLM paper (Whitcomb:Red Mountain Issue Paper) reviewed protection status for Red Mountain ACEC.
McDonald's rock- cress (Arabis macdonaldiana)	1	223	Determine extent of State authority to regulate mining in endangered species habitat	Not Started			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Internal Administrative	
McDonald's rock- cress (Arabis macdonaldiana)	1	2241	Determine portion of known range currently under mining claim	Complete			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division	Management: Land Use	Internal Technical Assistance	Mining claim status determined as part of the 5 year status review conducted in 2009, available on USFWS website.

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McDonald's rock- cress (Arabis macdonaldiana)	1	2242	Determine extent of habitat likely to be affected should mining take place and the degree of impact expected	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Land Use	Internal Technical Assistance	Potential threat by mining described in current 5 year status review, available on USFWS website.
McDonald's rock- cress (Arabis macdonaldiana)	2	2243	Identify and Monitor areas of Arabis habitat which are vulnerable to threats other than mining on BLM lands.	Ongoing Current			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division	Research	Internal Technical Assistance	Public held occupied habitat (>99% of distribution) is monitored by agency staff(forest service, BLM).
McDonald's rock- cress (Arabis macdonaldiana)	1	225	Develop and implement a management plan	Not Started	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: Planning	Species Expert	BLM has lead on the red Mountain Wilderness portion of the distribution; Six Rivers national Forest on the majority of non- BLM owned habitat, and DFG has lead on non- federal lands. The majority of the Red Mountain distribution was designated as wilderness in 2007. No management plan has been adopted to date specific to mgmt of this species on any holdings.
McDonald's rock- cress (Arabis macdonaldiana)	2	3	Monitor agency compliance with the recovery plan	Ongoing Current			U.S. Fish and Wildlife Service, Endangered Species Division, California Department of Fish and Game	Management: General	Internal Technical Assistance	As part of 5 year status review (available at USFWS website) progress toward recovery was assessed and priority actions identified to further recovery.
McDonald's rock- cress (Arabis macdonaldiana)	3	4	Enhance public awareness of the Arabis mcdonaldiana recovery effort through informational and educational programs	Ongoing Current			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Endangered Species Division	Management: General	Internal Technical Assistance	BLM and Forest Service conduct routine public outreach highlighting sensitive resources occurring on their lands.